

IN THE CLAIMS:

Please amend the claims as follows:

- 1-9. (Canceled)
10. (Currently Amended) A plurality of amphibian oocytes ~~into which each of which has mRNA is respectively injected at an identical depth from a surface of each of the oocytes into a cytoplasm of said each of the~~ positioned in a cytoplasm of each of said plurality of amphibian oocytes, said mRNA being positioned within an amphibian oocyte at a depth from a surface of said amphibian oocyte identical to a depth of mRNA positioned in all others of said plurality of amphibian oocytes, wherein said mRNA is injected into each of said plurality of amphibian oocytes.
11. (Currently Amended) A plurality of amphibian oocytes according to claim 10, wherein the mRNA in each of the oocytes is injected with an ~~identical~~ injection amount and at an ~~identical~~ injection area identical to an injection amount and an injection area in each all others of the oocytes.
12. (Previously Presented) A plurality of amphibian oocytes according to claim 10, wherein the depth is in the range of 0.02 - 0.1 mm.
13. (Currently Amended) A method for screening a sample, comprising the steps of
injecting mRNA, which encodes a protein for initiating a ~~biological~~ an interaction with said sample, into a cytoplasm of each of a plurality of amphibian oocytes such that the mRNA in each of said plurality of amphibian oocytes is positioned at an ~~identical~~ a depth from a surface of each of the oocytes ~~into a cytoplasm of said each of the oocytes~~ identical to a depth from a surface of all others of said plurality of amphibian oocytes;
maintaining a membrane potential on each of the oocytes injected with the mRNA;
adding a solution to each of the oocytes maintained with the membrane potential; and
measuring an electric response of each of the oocytes after the step of adding

thereby discriminating whether the solution containing said sample based on the electric response.

14. (Previously Presented) A method for screening a sample according to claim 13, wherein the mRNA in each of the oocytes is injected with an ~~identical~~ injection amount and at an ~~identical~~ injection area identical to an injection amount and an injection area in each all others of the oocytes.
15. (Previously Presented) A method for screening a sample according to claim 13, wherein the depth is in the range of 0.02 – 0.1 mm.